

MATERIAL SAFETY DATA SHEET

Form published by WindowChem (787) 264-0148

Section 1. Chemical Product and Company Identification

Product Name: **Vigoro Premium Starter Lawn Fertilizer 20-25-10**

| | |
|---|---|
| Manufacturer's Name Pursell Industries, Inc. | Emergency Telephone Number CHEMTREC 800-424-9300 |
| Address (Number, Street, City, State, and ZIP Code) P.O. Box 540 | Telephone Number For Information 800-874-8892 |
| Sylacauga, AL 35150 | Date Prepared |
| | Signature of Preparer (optional) |

Section 2. Composition / Information on Ingredients

| Component - one or more of the following: | CAS Registry # | Exposure Limits | |
|---|----------------|-----------------|----------|
| | | ACGIH TLV | OSHA PEL |
| V-Cote | Mixture | Not est. | 10 mg/m3 |
| Sulfur Coated Urea | Mixture | Not est. | 10 mg/m3 |
| Urea | 57-13-6 | Not est. | 10 mg/m3 |
| Di-Ammonium Phosphate | 7783-28-0 | Not est. | 10 mg/m3 |
| Muriate of Potash | Mixture | Not est. | 10 mg/m3 |
| Iron Oxide/Sulfate | Mixture | 5 mg/m3 | 5 mg/m3 |
| Filler | Mixture | Not est. | 10 mg/m3 |

Section 3. Hazards Identification

EMERGENCY OVERVIEW

Will cause moderate eye irritation. Avoid contact with open sores.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Will cause moderate eye irritation.

INHALATION: May cause irritation of respiratory tract.

SKIN CONTACT: No adverse effects expected. Avoid contact with open sores.

INGESTION: May cause irritation of gastro-intestinal passages.

CHRONIC EFFECTS / CARCINOGENICITY: No effects known.

Section 4. First Aid Measures

EYE CONTACT: Flush eyes with water for 15 minutes. Get medical attention.

SKIN CONTACT: Wash thoroughly with soap and water.

INGESTION: Drink 2-3 glasses of water and induce vomiting. Get medical attention.

NOTE TO PHYSICIAN: Treat adverse effects symptomatically. Product contains phosphate, sulfate and chloride fertilizer salts, as well as metal oxides and metal sulfates. (see ingredients list)

Section 5. Fire Fighting Measures

FLAMMABLE PROPERTIES:

FLASH POINT: Not applicable

METHOD USED: Not applicable

FLAMMABLE LIMITS

LFL: Not applicable

UFL: Not applicable

EXTINGUISHING MEDIA: Use fire fighting media as for surrounding fire.**FIRE & EXPLOSION HAZARDS:** Product involved in fire may give off decomposition by-products which include cyanic acid, ammonia, hydrogen chloride, carbon monoxide, nitrogen oxides, biuret and phosphates. This product does not contain ammonium nitrate.**FIRE FIGHTING INSTRUCTIONS:** Keep all persons upwind of smoke and vapors. Waters from fire fighting may be hazardous and should be contained to prevent their access into natural and drinking waters. Analyze waste waters before disposal.**FIRE FIGHTING EQUIPMENT:** Wear self-contained breathing apparatus and full body protection

Section 6. Accidental Release Measures

Sweep up material as soon as spilled to prevent contamination. Repackage in labeled container and use as directed on original package label.

Section 7. Handling and Storage

Do not contaminate water, food or feed by storage. Store in dry, secure location away from children and pets.

Section 8. Exposure Controls / Personal Protection

ENGINEERING CONTROLS: Use outdoors only.**RESPIRATORY PROTECTION:** None required if exposure is expected to be below the exposure limits listed in the ingredients list above.**SKIN PROTECTION:** Work gloves recommended.**EYE PROTECTION:** Use eye protection if granules or dust may come in contact with eyes.

Section 9. Physical and chemical Properties

| | | | |
|--------------------------|----------------|-----------------------------|----------------|
| APPEARANCE: | Granules | PHYSICAL STATE: | Dry |
| BOILING POINT: | Not applicable | SOLUBILITY IN WATER: | 70-100 % |
| EVAPORATION RATE: | Not applicable | SPECIFIC GRAVITY: | 1.2 |
| FREEZING POINT: | Not applicable | VAPOR DENSITY: | Not applicable |
| MELTING POINT: | Not applicable | VAPOR PRESSURE: | Not applicable |
| MOLECULAR WEIGHT: | Not applicable | VISCOSITY: | Not applicable |
| ODOR: | None | % VOLATILE: | None |
| pH: | N/A | | |

Section 10. Stability and Reactivity

CHEMICAL STABILITY: Stable

INCOMPATIBILITY: Strong acids

HAZARDOUS DECOMPOSITION PRODUCTS: Cyanic acid, NH₃, HCN, CO, NO_x and biuret.

HAZARDOUS POLYMERIZATION: Does not occur.

Section 11. Toxicological Information

EYE: No specific data.

SKIN: Not considered to be a sensitizer.

INGESTION: No specific data. Unlikely route of entry.

INHALATION: No specific data.

CHRONIC / CARCINOGENICITY: Not listed on IARC, NTP or OSHA lists as a carcinogen

Section 12. Ecological Information

ECOTOXICOLOGICAL INFORMATION: Keep out of natural and drinking waters. High concentrations at flow source into bodies of water may cause temporary conditions unfavorable for aquatic organisms.

Section 13. Disposal Considerations

Material disposal: Reuse if possible. Material contaminated with dirt can be reused. If reuse is not possible, dispose of on site or at an approved waste disposal facility. Container disposal: Place in trash for disposal at an approved waste disposal facility.

Section 14. Transport Information (Not meant to be all inclusive)

D.O.T. SHIPPING NAME: Consumer commodity, non-hazardous classification

Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA STATUS: This product contains irritant materials.

TSCA STATUS: All components listed.

CERCLA REPORTABLE QUANTITY: Not listed.

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: Not listed.

SECTION 311/312 HAZARDOUS CATEGORIES: Not listed.

SECTION 313 TOXIC CHEMICALS: Not listed.

RCRA STATUS: Not listed.

CALIFORNIA PROPOSITION 65: Not listed.

Section 16. Other Information

Information given herein is given in good faith, but no warranty, express or implied, is made. Information is accurate as of date noted. Fursell Industries, Inc. assumes no liability for product used not in accordance with label directions. Information for this Material Safety Data Sheet (MSDS) is compiled from individual component MSDS, product specification sheets and various regulatory resources.